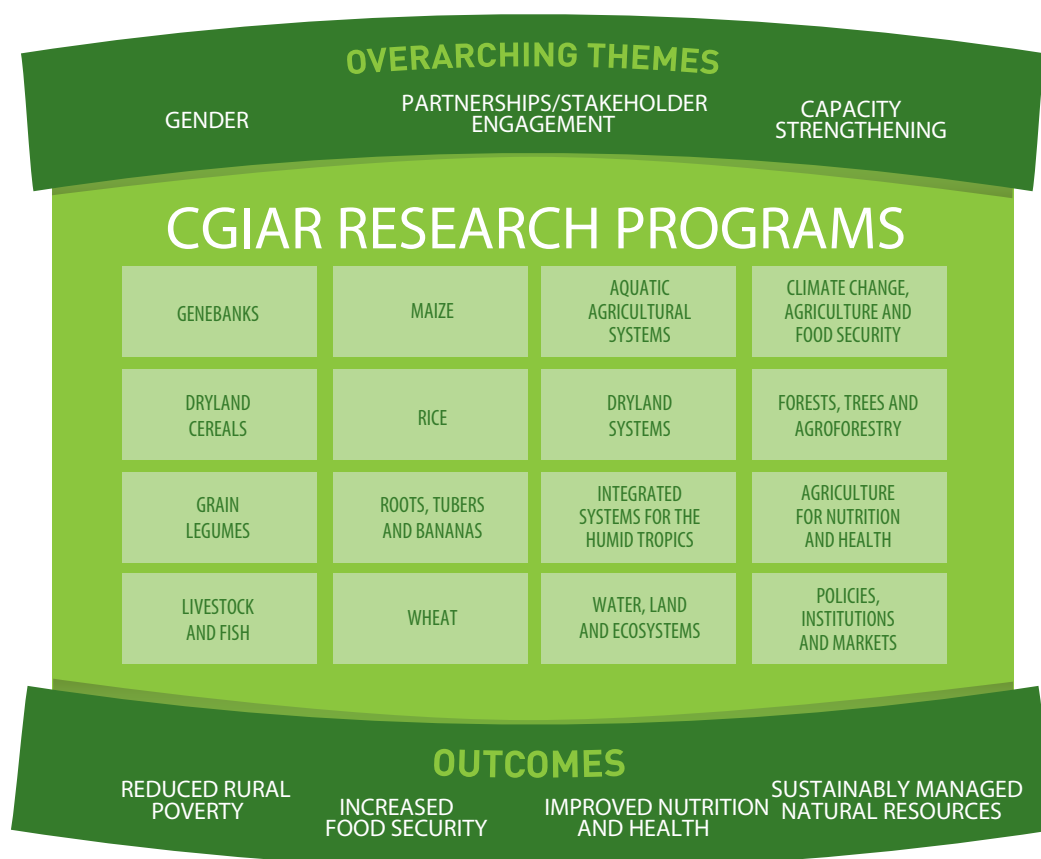


An estimated 870 million people are undernourished due to a lack of food or a lack of access to food, and approximately one in eight people in the world are estimated to be suffering from chronic hunger. Demographic projections suggest that world population will increase by a third – to 9.3 billion – by 2050, and estimates suggest that global food production will need to increase by as much as 60% by 2050 to meet demand. A Business As Usual, or BAU, trajectory would have severe implications for food and nutritional security, economic and social development, public health, and environmental sustainability.

Addressing complex problems through collaborative research

It has been recognized for more than a decade that the ever more complex issues facing agricultural research for development require an innovative approach to research. No single research institution working alone can address the critically important issues of global climate change, agriculture, and food security and rural poverty.

Nearly 90% of the work conducted by the 15 CGIAR Research Centers, working closely with hundreds of partners, such as national and regional research institutes, civil society groups, academia and the private sector, is integrated and carried out through 16 Research Programs. CGIAR Research Programs align the research of our 15 Research Centers and their partners into efficient, coherent, multidisciplinary programs, and maximize the potential of collaborative research to address complex development problems.



The 16 CGIAR Research Programs focus on the following objectives:

To improve yields and profits of crops, fish, and livestock

- CGIAR Research Program on Dryland Cereals. Lead center : ICRISAT (India)
- CGIAR Research Program on Grain Legumes. Lead center : ICRISAT (India)
- CGIAR Research Program on Livestock and Fish. Lead center : ILRI (Kenya)
- CGIAR Research Program on Maize. Lead center : CIMMYT (Mexico)
- CGIAR Research Program on Rice. Lead Center : IRRI (Philippines)
- CGIAR Research Program on Roots, Tubers and Bananas. Lead Center : CIP (Peru)
- CGIAR Research Program on Wheat. Lead Center : CIMMYT (Mexico)

To improve sustainability and environmental integrity, adapt to and mitigate climate change

- CGIAR Research Program on Climate Change, Agriculture and Food Security. Lead Center : CIAT (Colombia)
- CGIAR Research Program on Forests, Trees and Agroforestry. Lead Center: CIFOR (Indonesia)
- CGIAR Research Program on Water, Land and Ecosystems. Lead Center : IWMI (Sri Lanka)

To improve the productivity, profitability, sustainability, and resilience of entire farming systems

- CGIAR Research Program on Integrated Systems for the Humid Tropics. Lead Center : IITA (Nigeria)
- CGIAR Research Program on Aquatic Agricultural Systems. Lead Center : WorldFish (Malaysia)
- CGIAR Research Program on Dryland Systems. Lead Center : ICARDA (Lebanon)

To improve policies and markets

- CGIAR Research Program on Policies, Institutions, and Markets. Lead Center : IFPRI (USA)

To improve nutrition and diets

- CGIAR Research Program on Agriculture for Nutrition and Health. Lead Center : IFPRI (USA)

To manage and sustain crop collections

- CGIAR Research Program for Managing and Sustaining Crop Collections. All CGIAR Centers and the Global Crop Diversity Trust (<http://www.croptrust.org/>) participate in this Research Program.

The existing 16 CGIAR Research programs (CRPs) have a duration of over three to five years and are assessed by independent scientific committees and donors both during, and at the end of their lifetime, to ensure the integrity of research. The unique complementary activities of these programs, the high level of international agricultural research, and the quality of partnerships give the CGIAR a leadership position to contribute significantly to the resolution of the challenges of food security, poverty and hunger reduction, the improvement of health and nutrition and the enhancement of the resilience of ecosystems.

For more information: <http://www.cgiar.org/our-research/cgiar-research-programs/>

For more information: www.cgiar.org



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Science for a food-secure future

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